

AMSAT News Service Weekly Bulletins

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AMSAT NEWS SERVICE

ANS-131b

The AMSAT News Service bulletins are a free, weekly news and information service of AMSAT, The Radio Amateur Satellite Corporation. ANS publishes news related to Amateur Radio in Space including reports on the activities of a worldwide group of Amateur Radio operators who share an active interest in designing, building, launching and communicating through analog and digital Amateur Radio satellites.

The news feed on <http://www.amsat.org> publishes news of Amateur Radio in Space as soon as our volunteers can post it.

Please send any amateur satellite news or reports to:  
[ans-editor\(a\)amsat.org](mailto:ans-editor(a)amsat.org)

You can sign up for free e-mail delivery of the AMSAT News Service Bulletins via the ANS List; to join this list see:  
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In this edition:

\* Huskysat-1 Transponder is Open

SB SAT @ AMSAT \$ANS-131.02  
ANS-131b AMSAT News Special Bulletin

AMSAT News Service Bulletin 131.02  
>From AMSAT HQ KENSINGTON, MD.  
DATE 2020-May-10  
To ALL RADIO AMATEURS  
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Huskysat-1 Transponder is Open

After a week of testing, the transponder on HuskySat-1 is enabled and open for use and testing. It's fairly sensitive, and 5-10 watts is plenty most of the time. There are some fades due to satellite orientation, and some passes are definitely better than others. The operations and engineering teams are also watching a few anomalies. Please keep an eye on the beacon during transponder ops, for those with spectrum scopes. Strong signals may impact the beacon strength.

HuskySat-1 is the Husky Satellite Lab at University of Washington's first cubesat, and the first mission with AMSAT's linear transponder module (LTM-1), a V/u transponder and integrated telemetry beacon and command receiver. UW recently completed their Part 5 operations and have graciously let AMSAT's Part 97 transponder operations commence. This transponder module is available for use in educational cubesat missions willing to enable the transponder for worldwide use. Contact myself or VP Engineering Jerry Buxton for additional details.

Reports and observations are welcome to the [amsat-bb](mailto:amsat-bb) mailing list.

Congratulations to Husky Satellite Lab, and to the entire AMSAT Engineering team for keeping amateur radio in space. Thanks to Dr. Mark Hammond, N8MH for commissioning and operations support.

73, Drew K04MA

#### AMSAT VP Operations

HuskySat-1 V/u inverting transponder, 145.910 to 145.940 uplink, 435.810 to 435.840 downlink, telemetry beacon 1200 baud BPSK at 435.800

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In addition to regular membership, AMSAT offers membership in the President's Club. Members of the President's Club, as sustaining donors to AMSAT Project Funds, will be eligible to receive additional benefits. Application forms are available from the AMSAT Office.

Primary and secondary school students are eligible for membership at one-half the standard yearly rate. Post-secondary school students enrolled in at least half time status shall be eligible for the student rate for a maximum of 6 post-secondary years in this status. Contact Martha at the AMSAT Office for additional student membership information.

73 and Remember to help keep amateur radio in space,  
This week's ANS Editor, Mark D. Johns, K0JM

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